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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/503,181	02/14/2000	Yair Frankel	PM 265650	6203
909 7590 02/03/2009 PILLSBURY WINTHROP SHAW PITTMAN, LLP P.O. BOX 10500 MCLEAN, VA 22102				
EXAMINER LEMMA, SAMSON B				
ART UNIT 2432		PAPER NUMBER		
MAIL DATE 02/03/2009		DELIVERY MODE PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

09/503,181

Applicant(s)

FRANKEL ET AL.

Examiner

Samson B. Lemma

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2432

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 March 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4, 6-54 and 56-67 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☒ Claim(s) 1-4, 6-54 and 56-67 are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/CC)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. **Claims 1-4, 6-54 and 56-67** are pending in this patent application.

Response to Arguments

2. In view of the PRE-APPEAL BRIEF REQUEST FOR REVIEW filed on March 05, 2008, PROSECUTION IS HEREBY REOPENED. A Restriction/Election is set forth below.

To avoid abandonment of the application, appellant must exercise one of the following two options:

- (1) file a reply under 37 CFR 1.111 (if this Office action is non-final) or a reply under 37 CFR 1.113 (if this Office action is final); or,
- (2) request reinstatement of the appeal.

If reinstatement of the appeal is requested, such request must be accompanied by a supplemental appeal brief, but no new amendments, affidavits (37 CFR 1.130, 1.131 or 1.132) or other evidence are permitted. See 37 CFR 1.193(b)(2).

Election/Restrictions

3. Restriction to one of the following inventions is required under 35 U.S.C. 121:

I. Claims 1-4 and 6-51 are drawn to a method for control and maintenance of an operational organizational structure, involving cryptographic control and maintenance of entities within one or more business organizations, the method being automated using a computing device, the method comprising:

associating cryptographic capabilities with electronic representations of entities within an organizational structure of the one or more business organizations;

organizing entities within the organizational Structure as roles through associating the electronic representations of entities with electronic representations of roles; and

upon any addition, deletion or modification of an entity, a cryptographic capability, or any of their associations, maintaining roles within the organizational structure by adding, deleting or modifying electronic representations of the entities, cryptographic capabilities, roles, or any of their associations, classified in class 726 subclass 2 ;

II. Claims 52-54 and 56-67 are drawn to a database system embodied in a tangible medium representing a business organization involving directories representing entities within said business organization, their characteristics, roles, and relationships together with their associations with cryptographic capabilities, **the database system comprising the following transactional components:**

connection to cryptographic authorities representing the cryptographic capabilities associated with said entities, said characteristics and said relationships;

a maintenance system embodied in a tangible medium by which said database and said cryptographic authorities are maintained in coordination and by authorized parties assuring the representation of said organization and said

cryptographic capabilities are soundly associated as defined by coordination directives; and

maintenance transactions acting within said maintenance system, maintaining a view representing said organization , classified in class 707, subclass **9**.

4. The inventions are distinct, each from the other because of the following reasons:

The inventions **in Group I, II**, are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable.

These groups can be separately usable.

Group I, which is drawn a method for control and maintenance of an operational organizational structure, involving cryptographic control and maintenance of entities within one or more business organizations, the method being automated using a computing device. Such specific method is separately used from the particular database /structure system recited in group II, for providing cryptographic control which is flexible enough for the modern global

and dynamic market, i.e., that assures proper "change Control." This benefit is described in the applicant's published specification on page 3, lines 18-20.

On the other side,

Group II, which is drawn to a database system embodied in a tangible medium representing a business organization involving directories representing entities within said business organization, their characteristics, roles, and relationships together with their associations with cryptographic capabilities, **the database system comprising the transactional components** is separately used from the specific method recited in Group I because the particular roles and groups database system recited in group II, is used for associating each roles with a capability and manipulating the connections between roles and entities within the database this is just one particular method of associating and linking method (database management).[See page 15 and 16 of applicant's submitted specification]

Note: Group I is drawn to the **specific method for control and maintenance of an operational organizational structure, involving cryptographic control and maintenance of entities within one or more business organizations, the method being automated using a computing device**, and this particular method as it is recited in the group I, can be associated **in various database structure/database management**. Though, there could be different/various database management system for associating the method recited in the Group I, only one and specific method of such database system is recited in Group II and

such database system is distinct from that of the specific method recited in Group I.

5. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.
6. Applicants are advised that the replay to this requirement to be completed must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).
7. Applicants is reminded that upon the cancellation of the claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a petition under 37 CR 1.48(b) and by the fee required under 37 CFR 1.17(i).

CONTACT INFORMATION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Samson B Lemma whose telephone number is

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571-272-3806. The examiner can normally be reached on Monday-Friday (8:00 am---4: 30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BARRON JR GILBERTO can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

01/05/2009

/Samson B Lemma/
Examiner, Art Unit 2432

/Kambiz Zand/
Supervisory Patent Examiner, Art Unit 2434

Application Number**Application/Control No.**

09/503,181

**Applicant(s)/Patent under
Reexamination**

FRANKEL ET AL.

Examiner

Samson B. Lemma

Art Unit

2432